### INTERNATIONAL SEARCH REPORT

International application No. PCT/AU2004/001488

CLASSIFICATION OF SUBJECT MATTER

Int. Cl. 7: A61B 17/00

According to International Patent Classification (IPC) or to both national classification and IPC

FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

data have conculted during the international search (name of data have and, where practicable, search terms used)

<b>5.</b>	DOCUMENTS CONSIDERED TO BE REL	EVAN		
Category*	Citation of document, with indication,	where a	appropriate, of the relevant passages	Relevant to claim No.
	US 5843170 A (AHN) 1 December	r 1998		
X	Column 5 lines 38 to 46 and lines 5	58 to 6		22-24
A			,	1
	WO 2002/076305 A1 (LANE) 3 O	ctober	2002	
x	Page 5 line 21 to page 6 line12			22-24
A	The state of the s		•	1
				0.
	US 5593414 A (SHIPP et al.) 14 Ja		1997	21.24
X	Column 2 line 63 to column 3 line	51		21-24
Α			•	1
1	US 6226843 B1 (CRAINICH) 8 M	av 200	11	
X	Column 1 lines 34 to 59	, 200		21-24
Α.				1
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X	Further documents are listed in the co	ntinua	tion of Box C X See patent family and	iex
	al categories of cited documents: tent defining the general state of the art which is	"T"		
	nsidered to be of particular relevance	ı	later document published after the international filing date or p conflict with the application but cited to understand the princi underlying the invention	priority date and no ple or theory
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not co "B" earlier interns "L" docum or whit anothe docum or othe "P" docum but lat Date of the ax 7 Decembee Name and me AUSTRALIA PO BOX 200	nsidered to be of particular relevance application or patent but published on or after the attorishment of the state of th	"Y"	conflict with the application but clotd to understand the princit underlying the invention mode; the clisimal invention cannot comment of particular relevance, the clisimal invention cannot be considered to involve an inventive step when the clinical control of particular relevance, the clisimal invention cannot be considered to the control of particular relevance, the clinical invention cannot be made and the control of particular relevance the delined invention cannot be movie an invention early made and the control of the same patent family.  Date of mailling of the international search report  15 DEC 2004	ple or theory  t be considered nove cocument is taken to be considered to the one or more other

## INTERNATIONAL SEARCH REPORT

International application No.
PCT/AU2004/001488

ategory*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 1997/040755 A1 (W.L. GORE & ASSOCIATES, INC.) 6 November 1997 Whole document	
n	Whole document	

## INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No.
PCT/AU2004/001488

This Annex lists the known "A" publication level patent family members relating to the patent documents cited in the above-mentioned international search report. The Australian Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

	t Document Cited in Search Report			Pate	nt Family Member		
US	5843170	AU	35479/95	CA	2198879	EP	0778754
		US	5527355	US	5707378	WO	9607371
		wo	9739687				
wo	02076305	BR	0208329	CA	2440179	EP	1372491
		US	2004133267				
US	5593414	AU	39506/95	AU	71883/98	AU	75689/94
		CA	2147757	CA	2199741	EP	0673229
	•	EP	0830085	US	5858018	US	5993465
		US	6607540	US	2004097972	wo	9505778
		wo	9610365				
US	6226843	NONE					
wo	9740755	AU	28170/97	CA	2252894	EP	0898463

Due to data integration issues this family listing may not include 10 digit Australian applications filed since May 2001.

END OF ANNEX

# PATENT COOPERATION TREATY

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From the: INTERNATIONAL SEARCHING AUTHORIT	Y	CORRE	CTED VERSION 2 8 FEB 2005
To:			PC WIPO PCT
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SPRUSON & FERGUSON			
GPO Box 3898 SYDNEY NSW 2001			TTEN OPINION OF THE
DIDIEL NOW 2001		INTERNATIO	NAL SEARCHING AUTHORITY
			(PCT Rule 43bis.1)
			(1 C1 Kille 45015.1)
		Date of mailing	15-12-04
Applicant's or agent's file reference		(day/month/year) FOR FURTHER ACT	
635190C			See paragraph 2 below
International application No.	International filing date	(day/month/year)	Priority date (day/month/year)
PCT/AU2004/001488	28 October 2004	(449,1114,1117,1117)	30 October 2003
International Patent Classification (IPC) or		ation and IPC	
Int. Cl. 7 A61B 17/00	OUL LINES IN COLUMN		
Applicant			
SUNSHINE HEART COMPAN	Y PTY LTD et al		DDECTED
,		6.09	RRECTED
1. This opinion contains indications rela	ting to the following it	ems:	/EDOLOA!
Box No. I Basis of the opinio	n		ERSION
Box No. II Priority		• •	
	of opinion with regard to	novelty, inventive step	and industrial applicability
Box No. IV Lack of unity of in	-		
		with regard to novelty.	inventive step or industrial applicability;
citations and expla	nations supporting such s	tatement	•
Box No. VI Certain documents	cited		
Box No. VII Certain defects in	the international applicati	on	
Box No. VIII Certain observatio	ns on the international ap	plication	
2. FURTHER ACTION			
Preliminary Examining Authority ("IPE be the IPEA and the chosen IPEA has n Searching Authority will not be so cons	A") except that this does otified the International E idered.	not apply where the appl Sureau under Rule 66.1 <i>bi</i>	lered to be a written opinion of the International icant chooses an Authority other than this one to so(b) that written opinions of this International
If this opinion is, as provided above, co written reply together, where appropriate PCT/ISA/220 or before the expiration of	te. with amendments, befo	ore the expiration of 3 m	pplicant is invited to submit to the IPEA a onths from the date of mailing of Form ires later.
For further options, see Form PCT/ISA	/220.		
3. For further details, see notes to Form PCT	/ISA/220.		
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Name and mailing address of the IPEA/AU		Authorized Officer	AAA
AUSTRALIAN PATENT OFFICE		[ D.	1 lethuist
PO BOX 200, WODEN ACT 2606, AUSTRA	ALIA	DAVID MELHU	
E-mail address: pct@ipaustralia.gov.au Facsimile No. (02) 6285 3929		Telephone No. (02)	6283 2426

# WRITTEN OPINION OF THE INTERNATIONAL SEARCHING AUTHORITY

International application No.

PCT/ATT2004/001489

		FC1/AU2004/001400
Box	No. I Basis of the opinion	
1.	With regard to the language, this opinion has been established on the basis of the internation which it was filed, unless otherwise indicated under this item.	onal application in the language in
	This opinion has been established on the basis of a translation from the original langu- the following language , which is the language of a translation furnis international search (under Rules 12.3 and 23.1(b)).	
2.	With regard to any nucleotide and/or amino acid sequence disclosed in the international claimed invention, this opinion has been established on the basis of:	application and necessary to the
	a. type of material	
	a sequence listing	
	table(s) related to the sequence listing	
	b. format of material	
	in written format	•
	in computer readable form	
	c. time of filing/furnishing	
	contained in the international application as filed.	
	filed together with the international application in computer readable form.  furnished subsequently to this Authority for the purposes of search.	
3.	In addition, in the case that more than one version or copy of a sequence listing and/or filed or furnished, the required statements that the information in the subsequent or ad in the application as filed or does not go beyond the application as filed, as appropriat	ditional copies is identical to that
4.	Additional comments;	
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### WRITTEN OPINION OF THE INTERNATIONAL SEARCHING AUTHORITY

International application No.

PCT/AU2004/001488

YES
VES
125
NO
YES
NO
YES
NO

### 2. Citations and explanations:

### NOVELTY (N) Claims 22:

D1 - US 5843170 A

D2 - WO 2002/076305 A1

D3 - US 5593414 A

D4 - US 6226843 B1

D1 to D4 each disclose the buckle of claim 22. D1 shows in figure 7 a buckle 44 with two parallel legs between which the end portions of the wrap can pass, and wherein one of the legs is adapted for releasably fixing the wrap via Velcro elements 42a and 42b. Similarly for D2 in which figure 2 shows wrap 1 and buckle 5. D3 and D4 disclose buckles that are capable of securing a wrap around an arterial wessel and comprise a pair of parallel legs through which end portions of the wrap can pass and which releasably fix the wrap.

#### INVENTIVE STEP (IS) Claims 21 - 24:

Claim 22: As per novelty above.

Claim 21: This claim is not inventive in light of D3 or D4. The standard method of securing a wrap is described at page 1 lines 23 to 25 of the present description, and uses clamps to temporarily hold the wrap. The use of the devices of D3 or D4 to temporarily hold the wrap discloses an apparatus with all the features of claim 21 and is considered non-inventive because D3 and D4 disclose buckles with legs that clamp. Replacing one clamp with another is not considered to be inventive.

Claims 23 and 24: While D1-D4 do not disclose suturing or stapling the buckle to the wrap, using these methods would readily occur to a person skilled in the art. For example, suturing or stapling the right side of the buckle in figure 7 of D1 would be within the knowledge of a skilled addressee and is therefore non-inventive.